

# MARCOBLEND 7100 GY01

Polycarbonate + ABS  
POLY GIN

Message:

MARCOBLEND 7100 GY01 is a mid light reflective rate and ignition resistant polycarbonate/ABS/GF 10% resin. The resin is Halogen free and compliance with TCO and RoHS certification. The unique characters include superior processability, high light reflective and suitable for use in notebook, LCD TV/ Monitor back light frame.

General Information			
Filler / Reinforcement	Glass Fiber,10% Filler by Weight		
Additive	Flame Retardant		
Features	Flame Retardant		
	Good Processability		
	Halogen Free		
	High Reflectivity		
RoHS Compliance	RoHS Compliant		
Appearance	Grey		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.25	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (240°C/5.0 kg)	10	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.20 to 0.40	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	59.7	MPa	ASTM D638
Flexural Modulus	2890	MPa	ASTM D790
Flexural Strength	105	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	120	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	119	°C	ASTM D648
CLTE			ASTM D696
Flow	4.5E-5	cm/cm/°C	
Transverse	6.5E-5	cm/cm/°C	
Flammability	Nominal Value		Test Method
Flame Rating	V-0		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	100	°C	
Drying Time	3.0 to 4.0	hr	
Rear Temperature	250 to 270	°C	

Middle Temperature	250 to 270	°C
Front Temperature	260 to 280	°C
Nozzle Temperature	260 to 280	°C
Mold Temperature	60.0 to 80.0	°C

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Recommended distributors for this material

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